

MID AIR COLLISION AVOIDANCE



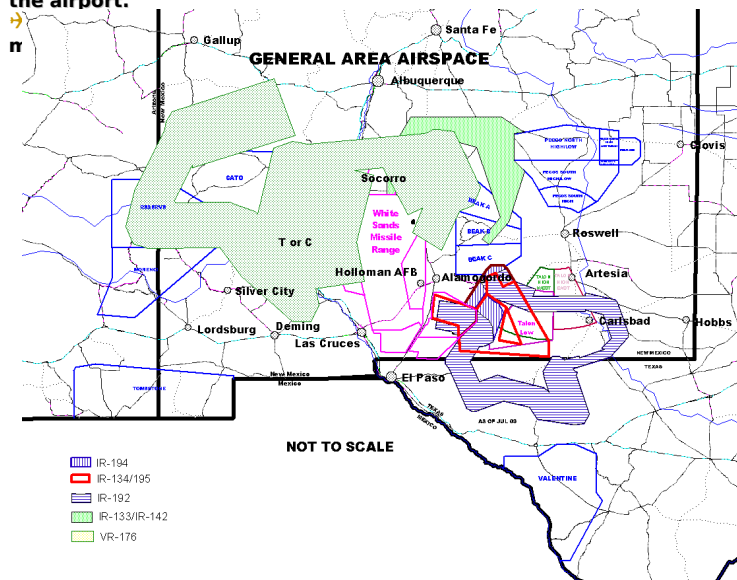
Fact: mid-air collisions usually involve fatalities - There are no survivors.

Midair Collision Avoidance is an area of major concern to anyone who flies an airplane. Although the number of midair collisions between general aviation and Air Force aircraft are considered to be low, 80% of reported Air Force near misses are with general aviation aircraft. General aviation traffic in the Alamogordo area and our busy traffic pattern at Holloman Air Force Base is ever increasing. We've provided you with a few flying safety tips to assist you with your overall avoidance procedures.

Fact: 99 % of mid-air collisions take place within 5 miles of an airport.

PROFILE OF A MIDAIR

- ➔ The occupants of most midairs were on a pleasure flight with no flight plan filed.
- ➔ Nearly all midair collisions occurred in VFR conditions during weekend daylight hours.
- ➔ The majority of midairs were the result of a faster aircraft overtaking and hitting a slower aircraft.
- ➔ No pilot is immune. Experience levels in the study ranged from initial solo to the 15,000 hour veteran.
- ➔ The vast majority of midairs occurred at uncontrolled airports below 3,000 feet.
- ➔ Enroute midairs occurred below 8,000 feet and within 25 miles of the airport.



HOLLOMAN AIRCRAFT

F-117
Pilot: 1



T-38
Pilot: 1 or 2



Tornado
Pilot: 2



F-4
Pilot: 2



QF-4
(Drone)
Pilot: 0 or 1



LEARN AN EFFICIENT SCAN PATTERN!

There are currently two basic methods which have proven best for pilots. The first, is the "side to side" (figure 1). Start at the far left of your visual area and make a methodical sweep to the right, pausing in each block to focus. At the end of the scan, return to your instruments. The second is the "front to side" (figure 2). Start with a fixation in the center of the block of your visual field. Move your eyes to the left, focusing in each block, swing quickly back to the center block, and repeat the information provided to better inform you about Holloman Air Force Base's aircraft, operations, and local hazards. For questions, comments or concerns contact 49 FW Flight Safety @ (505) 572-3793

